

Figure 1

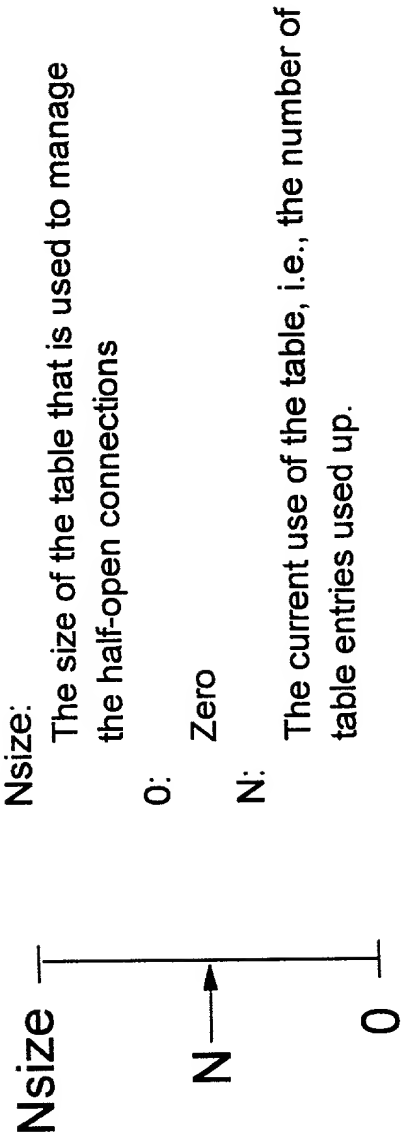
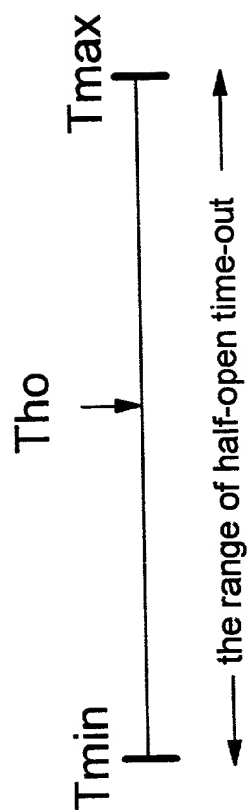


Figure 2



T_{ho} is the time-out used to manage half-open connections
 T_{min} is the minimum of T_{ho} . This value is between 10 msec and 1 sec
 T_{max} is the maximum of T_{ho} . This value is between 60 to 120 seconds

Figure 3

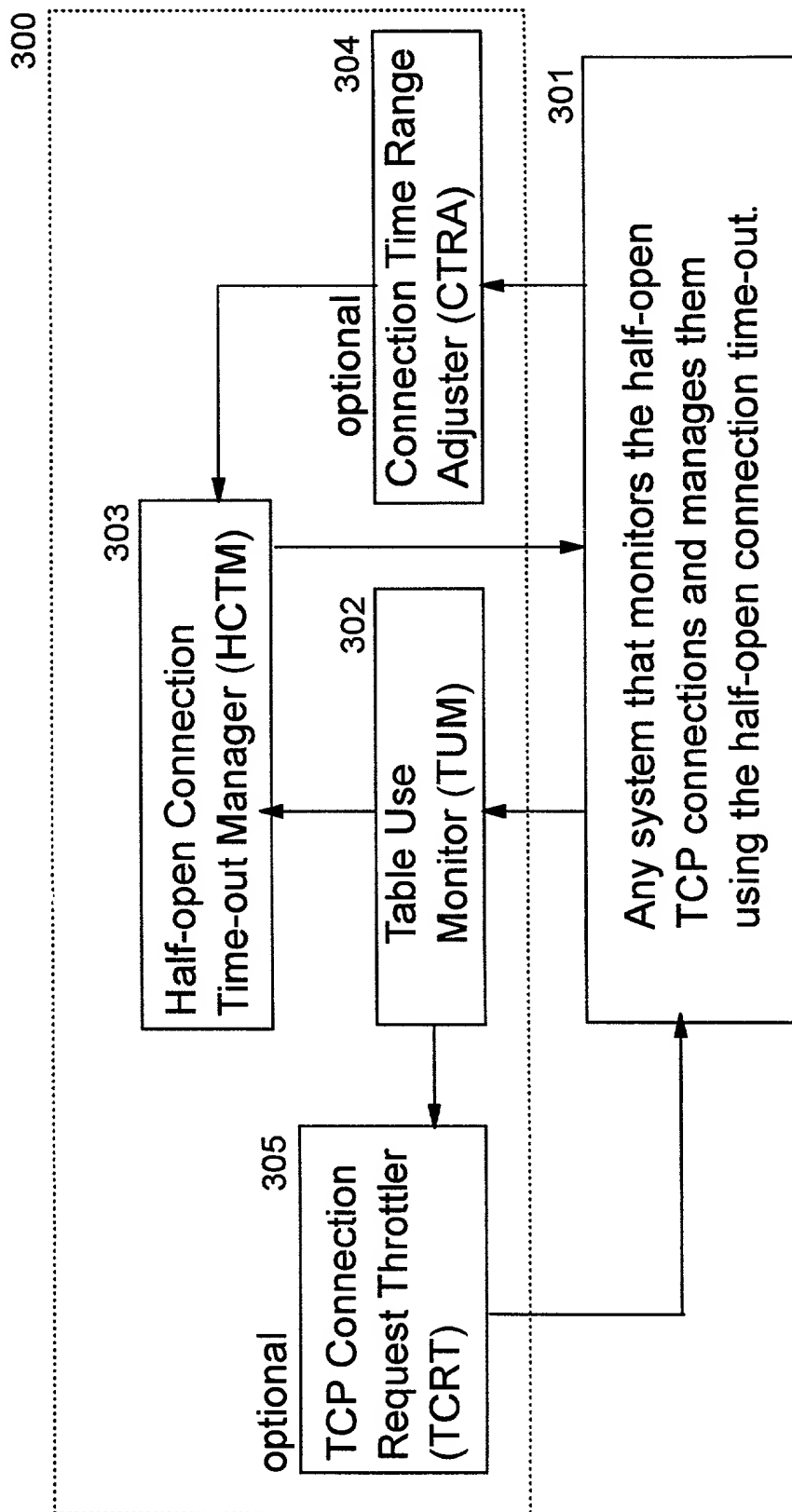
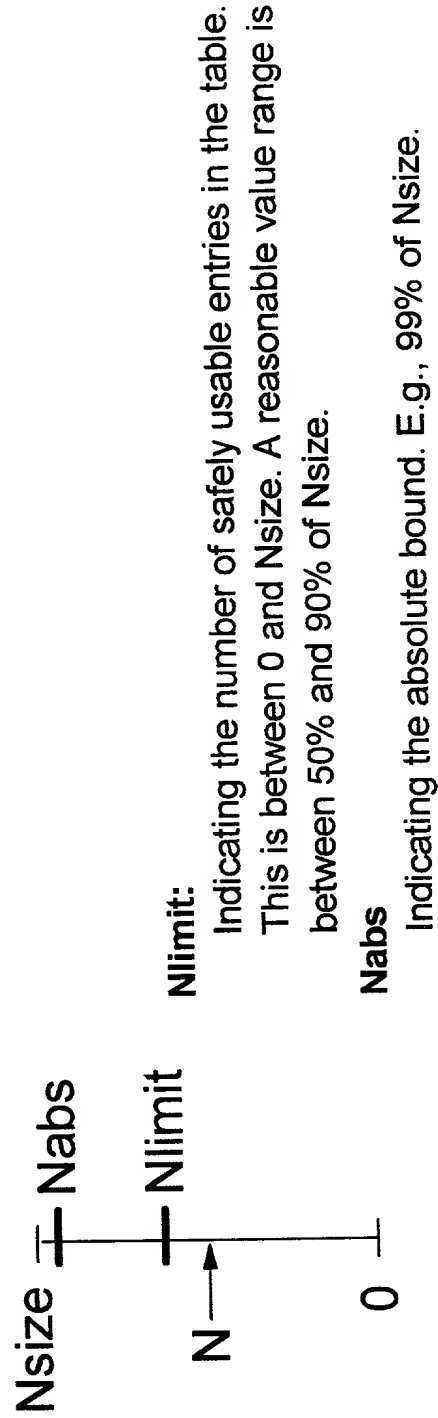


Figure 4



Algorithm HCTM1:

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If  $N > Nabs$  then set  $Tho = Tmin$ 
else If  $N > Nlimit$  then set  $Tho = \max\{Tmin, Tho/A\}$ 
else set  $Tho = \min\{Tmax, A*Tho\}$ 

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where

A is called an "acceleration" parameter. $A = 2$ is a good example.

SCANNED, # 14

Figure 5

